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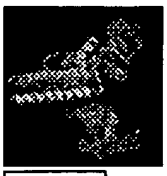
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☑ **3KMB**



COMPLEX OF 3'-SULFO-LEWIS-X WITH A SELECTIN-LIKE MUTANT OF MANNOSE-BINDING PROTEIN A

Characteristics **Release Date:** 12-Feb-1997 **Exp. Method:** X Ray Diffractio
Resolution: 1.95 Å

Classification **Lectin**

Compound Polymer: 1 Molecule: MANNOSE-BINDING PROTEI
Fragment: CLOSTRIPAIN FRAGMENT Mutation: A2
S212K, H213K Chains: 1,2,3
Polymer: 2 Molecule: SUGAR (3-MER)
Polymer: 4 Molecule: SUGAR (3-MER)

Authors **Ng, K.K., Weis, W.I.**

☑ **4KMB**



COMPLEX OF 4'-SULFO-LEWIS-X WITH A SELECTIN-LIKE MUTANT OF MANNOSE-BINDING PROTEIN A

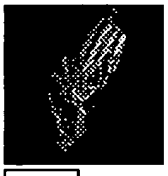
Characteristics **Release Date:** 12-Feb-1997 **Exp. Method:** X Ray Diffractio
Resolution: 2.00 Å

Classification **Lectin**

Compound Polymer: 1 Molecule: MANNOSE-BINDING PROTEI
Fragment: CLOSTRIPAIN FRAGMENT Mutation: A2
S212K, H213K Chains: 1,2,3
Polymer: 2 Molecule: SUGAR (3-MER)
Polymer: 4 Molecule: SUGAR (3-MER)

Authors **Ng, K.K., Weis, W.I.**

☑ **1H6E**



MU2 ADAPTIN SUBUNIT (AP50) OF AP2 ADAPTOR (SECOND DOMAIN), COMPLEXED WITH CTLA-4 INTERNALIZATION PEPTIDE TTGVYVKMPPT

Characteristics **Release Date:** 28-Nov-2001 **Exp. Method:** X Ray Diffractio
Resolution: 3.60 Å

Classification **Endocytosis/exocytosis**

Compound Polymer: 1 Molecule: CLATHRIN COAT ASSEMBLY PROTEIN AP50 Fragment: INTERNALIZATION SIG BINDING DOMAIN Chains: A Other Details: THE FI 16 RESIDUES OF THE POLYMER MAKE UP A 6H CMYC-TAG (HHHHHHEQKLISEEDL)
Polymer: 2 Molecule: CYTOTOXIC T-LYMPHOCYTE PROTEIN 4 Chains: P Other Details: 11-MER INTERNALISATION SIGNAL MOTIF FROM CTLA- (HOMO SAPIENS), TTGVYVKMPPT

Authors **Follows, E.R., McPheat, J.C., Minshull, C., Moor N.C., Pauptit, R.A., Rowsell, S., Stacey, C.L., Stanway, J.J., Taylor, I.W., Abbott, W.M.**

☑ **2BP5**

MU2 ADAPTIN SUBUNIT (AP50) OF AP2 ADAPTOR (SECOND DOMAIN), COMPLEXED WITH NON-CANONICAL INTERNALIZATION



PEPTIDE VEDYEQGLSG

Characteristics **Release Date:** 06-Jul-2005 **Exp. Method:** X Ray Diffraction
Resolution: 2.80 Å

Classification **Endocytosis**

Compound Polymer: 1 Molecule: CLATHRIN COAT ASSEMBLY PROTEIN AP50 Chains: M
Polymer: 2 Molecule: P2X PURINOCEPTOR 4 Chains: P

Authors **Royle, S.J., Qureshi, O.S., Bobanovic, L.K., Evan P.R., Owen, D.J., Murrell-Lagnado, R.D.**

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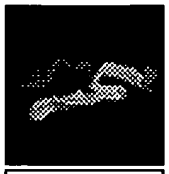
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1FSB



STRUCTURE OF THE EGF DOMAIN OF P-SELECTIN, NMR, 19 STRUCTURES

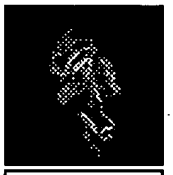
Characteristics **Release Date:** 01-Apr-1997 **Exp. Method:** NMR 19 Structu

Classification **Cell Adhesion Protein**

Compound Polymer: 1 Molecule: P-SELECTIN Fragment: EGF DOMAIN, RESIDUES 119 - 158 Chains: _

Authors **Freedman, S.J., Sanford, D.G., Bachovchin, W.W., Furie, B.C., Baleja, J.D., Furie, B.**

1G1T



CRYSTAL STRUCTURE OF E-SELECTIN LECTIN/EGF DOMAINS COMPLEXED WITH SLEX

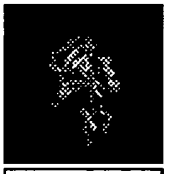
Characteristics **Release Date:** 13-Oct-2001 **Exp. Method:** X Ray Diffractio
Resolution: 1.50 Å

Classification **Immune System Membrane Protein**

Compound Polymer: 1 Molecule: E-SELECTIN Fragment: LECTIN/EGF DOMAINS Chains: A
Polymer: 2 Molecule: SACCHARIDE (SIA-GAL-1NA-FUC)

Authors **Somers, W.S., Tang, J., Shaw, G.D., Camphaus R.T.**

1ESL



INSIGHT INTO E-SELECTIN(SLASH)LIGAND INTERACTION FROM THE CRYSTAL STRUCTURE AND MUTAGENESIS OF THE LEC(SLASH)EGF DOMAINS

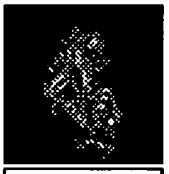
Characteristics **Release Date:** 31-Aug-1994 **Exp. Method:** X Ray Diffractio
Resolution: 2.00 Å

Classification **Cell Adhesion Protein**

Compound Polymer: 1 Molecule: HUMAN E-SELECTIN Chains:

Authors **Graves, B.J., Crowther, R.L., Chandran, C., Rumberger, J.M., Li, S., Huang, K.S., Presky D.H., Familletti, P.C., Wolitzky, B.A., Burns, D.K**

1G1S



P-SELECTIN LECTIN/EGF DOMAINS COMPLEXED WITH PSGL-1 PEPTIDE

Characteristics **Release Date:** 13-Oct-2001 **Exp. Method:** X Ray Diffractio
Resolution: 1.90 Å

Classification **Immune System Membrane Protein**

Compound Polymer: 1 Molecule: P-SELECTIN Fragment: LECTIN/EGF DOMAINS Chains: A,B
Polymer: 2 Molecule: PSGL-1 PEPTIDE Chains: C,D
Polymer: 3 Molecule: SACCHARIDE (SIA-GAL-NAG-FUC-GAL-NGA)
Polymer: 4 Molecule: SACCHARIDE (SIA-GAL-NAG-FUC-GAL-NGA)

Authors **Somers, W.S., Tang, J., Shaw, G.D., Camphaus R.T.**

☑ **1HES**

MU2 ADAPTIN SUBUNIT (AP50) OF AP2 ADAPTOR (SECOND DOMAIN), COMPLEXED WITH P-SELECTIN INTERNALIZATION PEPTIDE SHLGTYGVFTNAA



Characteristics **Release Date:** 31-May-2001 **Exp. Method:** X Ray Diffractio
Resolution: 3.00 Å

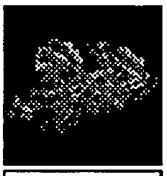
Classification **Endocytosis/exocytosis**

Compound Polymer: 1 Molecule: CLATHRIN COAT ASSEMBLY PROTEIN AP50 Fragment: INTERNALIZATION SIG BINDING DOMAIN Chains: A Other Details: THE FI SEVEN RESIDUES OF THE POLYMER MAKE UP HIS-TAG
Polymer: 2 Molecule: P-SELECTIN PEPTIDE Fragment: INTERNALIZATION SIGNAL Chains: P (Details: PEPTIDE INTERNALISATION SIGNAL MOT FROM P-SELECTIN SHLGTYGVFTNAAFDPSP

Authors **Owen, D.J., Setiadi, H., Evans, P.R., Mcever, R.P., Green, S.A.**

☑ **1G1Q**

Crystal structure of P-selectin lectin/EGF domains



Characteristics **Release Date:** 13-Oct-2001 **Exp. Method:** X Ray Diffractio
Resolution: 2.40 Å

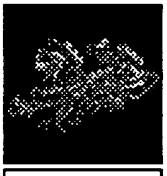
Classification **Immune System Membrane Protein**

Compound Polymer: 1 Molecule: P-SELECTIN Fragment: LECTIN/EGF DOMAINS Chains: A,B,C,D

Authors **Somers, W.S., Tang, J., Shaw, G.D., Camphaus R.T.**

☑ **1G1R**

Crystal structure of P-selectin lectin/EGF domains complexed with SLeX



Characteristics **Release Date:** 13-Oct-2001 **Exp. Method:** X Ray Diffractio
Resolution: 3.40 Å

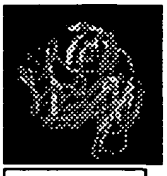
Classification **Immune System Membrane Protein**

Compound Polymer: 1 Molecule: P-SELECTIN Fragment: LECTIN/EGF DOMAINS Chains: A,B,C,D
Polymer: 2 Molecule: SACCHARIDE (SIA-GAL-1NA-FUC)
Polymer: 3 Molecule: SACCHARIDE (SIA-GAL-1NA-FUC)
Polymer: 4 Molecule: SACCHARIDE (SIA-GAL-1NA-FUC)

Authors **Somers, W.S., Tang, J., Shaw, G.D., Camphaus R.T.**

☑ **1A5F**

FAB FRAGMENT OF A MONOCLONAL ANTI-E-SELECTIN ANTIBODY



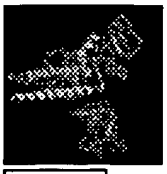
Characteristics **Release Date:** 20-Apr-1999 **Exp. Method:** X Ray Diffractio
Resolution: 2.80 Å

Classification **Immunoglobulin**

Compound Polymer: 1 Molecule: MONOCLONAL ANTI-E-SELE 7A9 ANTIBODY (LIGHT CHAIN) Fragment: FAB FRAGMENT Chains: L
Polymer: 2 Molecule: MONOCLONAL ANTI-E-SELE 7A9 ANTIBODY (HEAVY CHAIN) Fragment: FAB FRAGMENT Chains: H

Authors **Rodriguez-Romero, A., Almog, O., Tordova, M., Randhawa, Z., Gilliland, G.L.**

☑ **1KMB**



SELECTIN-LIKE MUTANT OF MANNOSE-BINDING PROTEIN A

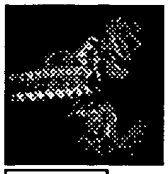
Characteristics **Release Date:** 12-Feb-1997 **Exp. Method:** X Ray Diffractio
Resolution: 2.10 Å

Classification **Lectin**

Compound Polymer: 1 Molecule: MANNOSE-BINDING PROTEI
Fragment: CLOSTRIPAIN FRAGMENT Mutation: A2
S212K, H213K Chains: 1,2,3

Authors **Ng, K.K., Weis, W.I.**

☑ **2KMB**



COMPLEX OF 3'-NEUAC-LEWIS-X WITH A SELECTIN-LIKE MUTANT OF MANNOSE-BINDING PROTEIN A

Characteristics **Release Date:** 12-Feb-1997 **Exp. Method:** X Ray Diffractio
Resolution: 2.00 Å

Classification **Lectin**

Compound Polymer: 1 Molecule: MANNOSE-BINDING PROTEI
Fragment: CLOSTRIPAIN FRAGMENT Mutation: A2
S212K, H213K Chains: 1,2,3
Polymer: 2 Molecule: SUGAR (4-MER)
Polymer: 3 Molecule: SUGAR (4-MER)
Polymer: 4 Molecule: SUGAR (4-MER)

Authors **Ng, K.K., Weis, W.I.**

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L1	1650890	((crystal) or (xtal) or (3D) or (xray) or (x-ray) or (NMR))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/17 15:58
L2	1650890	((crystal) or (xtal) or (3D) or (xray) or (x-ray) or (NMR))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/17 15:58
L3	278	L2 same selectin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/17 15:58
L4	0	L2 same "P-selectin".clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/17 15:58
L5	55	L2 same "P-selectin"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/17 15:58
L6	6	L3 and "modelling"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/17 15:58
L7	1224	Somers.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/17 15:58
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L9	56	Camphausen.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/17 15:58
L10	16	L9 and selectin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/17 15:58
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S7	49	S5 same "P-selectin"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/07 10:09
S8	0	S5 same "P-selectin".clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/07 10:15
S9	6	S6 and "modelling"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/07 10:11
S10	1176	Somers.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/07 10:15
S11	15	S10 and selectin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/07 10:11
S12	50	Camphausen.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/07 10:12

EAST Search History

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S15	15415	Tang.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/07 10:15
S16	102	S15 and selectin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/07 10:15
S17	22	S15 and P-selectin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/07 10:15

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***File 468, Public Opinion Online (POLL)

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[File 444] **New England Journal of Med.** 1985-2007/Dec W5
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```
?  s selectin(n60)crystal?
Processing
        92805   SELECTIN
      4034631   CRYSTAL?
S1        519   S SELECTIN(N60)CRYSTAL?

?  rd
Processing
>>>W:  Duplicate detection is not supported for File 391.
Records from unsupported files will be retained in the RD set.
S2        315   RD  (UNIQUE ITEMS)

?  s s2 and py<=2000
Processing
Processing
Processing
Processing
Processing
```

```
Processing

Processing

Processing

>>>W:  One or more prefixes are unsupported

  or undefined in one or more files.

          315   S2

    112052196   PY<=2000

S3        210   S S2 AND PY<=2000


?  s s3 and (P-selectin)

          210   S3

        14950   P-SELECTIN

S4         28   S S3 AND (P-SELECTIN)


?  t s4/medium/all
```

4/3/1 (Item 1 from file: 155)
Fulltext available through: USPTO Full Text Retrieval Options SCIENCEDIRECT
MEDLINE(R)
(c) format only 2006 Dialog. All rights reserved.
12970707 **PMID:** 11122546
Activation of blood platelets after percutaneous transluminal coronary angioplasty and coronary artery bypass graft surgery.

Kralisz U; Mussur M; Jegier B; Pawlicki L; Majewska E; Iwaszkiewicz A; Ligocka A; Kowalski J; Zaslonka J; Ciemiewski C
Department of Biophysics, Institute of Physiology and Biochemistry, Medical University of Lodz, Poland. ulakr@yahoo.com
Journal of thrombosis and thrombolysis (NETHERLANDS) Dec **2000** , 10 (3) p255-64 , **ISSN:** 0929-5305--Print **Journal Code:** 9502018
Publishing Model Print
Document type: Journal Article
Languages: ENGLISH
Main Citation Owner: NLM
Record type: MEDLINE; Completed

4/3/2 (Item 2 from file: 155)
Fulltext available through: USPTO Full Text Retrieval Options SCIENCEDIRECT Cell Press Online
MEDLINE(R)
(c) format only 2006 Dialog. All rights reserved.
12937710 **PMID:** 11081633

Insights into the molecular basis of leukocyte tethering and rolling revealed by structures of P- and E-selectin bound to SLe(X) and PSGL-1.

Somers W S; Tang J; Shaw G D; Camphausen R T
Genetics Institute, Wyeth Research, Cambridge, Massachusetts 02140, USA.
Cell (UNITED STATES) Oct 27 **2000** , 103 (3) p467-79 , **ISSN:** 0092-8674--Print **Journal Code:** 0413066
Publishing Model Print; Erratum in Cell 2001 Jun 29;105(7) 971
Document type: Journal Article
Languages: ENGLISH
Main Citation Owner: NLM
Record type: MEDLINE; Completed

4/3/3 (Item 3 from file: 155)
Fulltext available through: Ebsco Host EJS (Electronic Journals Service) USPTO Full Text Retrieval Options SCIENCEDIRECT
MEDLINE(R)
(c) format only 2006 Dialog. All rights reserved.
11493691 **PMID:** 9329011
Attenuation of oxygen free radical formation and tissue injury during experimental inflammation by P-selectin blockade.

DeLano F A; Forrest M J; Schmid-Schonbein G W
Department of Bioengineering, University of California at San Diego, La Jolla 92093-0412, USA.
Microcirculation (New York, N.Y. - 1994) (UNITED STATES) Sep **1997** , 4 (3) p349-57 , **ISSN:** 1073-9688--Print **Journal Code:** 9434935
Contract/Grant No.: 43026; PHS; HL 10881; HL; NHLBI

Publishing Model Print
Document type: Journal Article
Languages: ENGLISH
Main Citation Owner: NLM
Record type: MEDLINE; Completed

4/3/4 (Item 4 from file: 155)
Fulltext available through: American Chemical Society USPTO Full Text Retrieval Options SCIENCEDIRECT
MEDLINE(R)
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11078296 **PMID:** 8901515
Structure and function of the epidermal growth factor domain of P-selectin.

Freedman S J; Sanford D G; Bachovchin W W; Furie B C; Baleja J D; Furie B
Center for Hemostasis and Thrombosis Research, New England Medical Center, Boston, Massachusetts, USA.

Biochemistry (UNITED STATES) Oct 29 **1996** , 35 (43) p13733-44 , **ISSN:** 0006-2960--Print **Journal Code:** 0370623
Contract/Grant No.: HL51926; HL; NHLBI; RR06282; RR; NCRR
Publishing Model Print
Document type: Journal Article
Languages: ENGLISH
Main Citation Owner: NLM
Record type: MEDLINE; Completed

4/3/5 (Item 5 from file: 155)
Fulltext available through: American Society for Biochemistry and Molecular Biology (ASBMB) USPTO Full Text Retrieval Options SCIENCEDIRECT
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10893451 **PMID:** 8663282
Single amino acid residues in the E- and P-selectin epidermal growth factor domains can determine carbohydrate binding specificity.

Revelle B M; Scott D; Beck P J
Department of Molecular Biology, Texas Biotechnology Corp., Houston, Texas 77030, USA.
Journal of biological chemistry (UNITED STATES) Jul 5 **1996** , 271 (27) p16160-70 , **ISSN:** 0021-9258--Print
Journal Code: 2985121R
Publishing Model Print
Document type: Journal Article
Languages: ENGLISH
Main Citation Owner: NLM
Record type: MEDLINE; Completed

4/3/6 (Item 6 from file: 155)
Fulltext available through: custom link USPTO Full Text Retrieval Options SCIENCEDIRECT
MEDLINE(R)
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10684388 **PMID:** 8533905
Nitroprusside inhibition of platelet function is transient and reversible by catecholamine priming.

Harris S N; Rinder C S; Rinder H M; Tracey J B; Smith B R; Hines R
Department of Anesthesiology, Yale University School of Medicine, New Haven, Connecticut 06520-8051, USA.
Anesthesiology (UNITED STATES) Dec **1995** , 83 (6) p1145-52 , **ISSN:** 0003-3022--Print **Journal Code:** 1300217
Contract/Grant No.: HL02668; HL; NHLBI; HL47193; HL; NHLBI
Publishing Model Print
Document type: Journal Article
Languages: ENGLISH
Main Citation Owner: NLM

Record type: MEDLINE; Completed

4/3/7 (Item 7 from file: 155)
Fulltext available through: USPTO Full Text Retrieval Options SCIENCEDIRECT
MEDLINE(R)
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10423797 **PMID:** 7536042
Comparison of a protein model with its X-ray structure: the ligand binding domain of E-selectin.

Bajorath J; Stenkamp R; Aruffo A
Bristol-Myers Squibb, Pharmaceutical Research Institute, Seattle, Washington 98121, USA.
Bioconjugate chemistry (UNITED STATES) Jan-Feb **1995** , 6 (1) p3-6 , **ISSN:** 1043-1802--Print **Journal Code:** 9010319
Publishing Model Print
Document type: Journal Article
Languages: ENGLISH
Main Citation Owner: NLM
Record type: MEDLINE; Completed

4/3/8 (Item 8 from file: 155)
Fulltext available through: American Chemical Society USPTO Full Text Retrieval Options SCIENCEDIRECT
MEDLINE(R)
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09592613 **PMID:** 7681324
Interaction of P-selectin (CD62) and its cellular ligand: analysis of critical residues.

Hollenbaugh D; Bajorath J; Stenkamp R; Aruffo A
Bristol-Myers Squibb Pharmaceutical Research Institute, Seattle, Washington 98121.
Biochemistry (UNITED STATES) Mar 30 **1993** , 32 (12) p2960-6 , **ISSN:** 0006-2960--Print **Journal Code:** 0370623
Publishing Model Print
Document type: Journal Article
Languages: ENGLISH
Main Citation Owner: NLM
Record type: MEDLINE; Completed

4/3/9 (Item 1 from file: 5)
Fulltext available through: USPTO Full Text Retrieval Options SCIENCEDIRECT Cell Press Online
Biosis Previews(R)
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0012840390 **Biosis No.:** 200100012229
Insights into the molecular basis of leukocyte tethering and rolling revealed by structures of P- and E-selectin bound to SLeX and PSGL-1

Author: Somers William S; Tang Jin; Shaw Gray D; Camphausen Raymond T (Reprint)
Author Address: Genetics Institute, Wyeth Research, 87 CambridgePark Drive, Cambridge, MA, 02140, USA**USA
Journal: Cell 103 (3): p 467-479 October 27, 2000 **2000**
Medium: print
ISSN: 0092-8674
Document Type: Article
Record Type: Abstract
Language: English

4/3/10 (Item 1 from file: 24)
Fulltext available through: USPTO Full Text Retrieval Options SCIENCEDIRECT Cell Press Online
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0002157900 IP Accession No: 4787340
Insights into the Molecular Basis of Leukocyte Tethering and Rolling Revealed by Structures of P- and E-Selectin Bound to SLe super(x) and PSGL-1

Somers, WS; Tang, Jin; Shaw, GD; Camphausen, RT* Genetics Institute, Wyeth Research, 87 Cambridge Park Drive, Cambridge, MA 02140, USA, [mailto:rcamphausen@genetics.com]
Cell , v 103 , n 3 , p 467-479 , October 27, 2000
Publication Date: 2000

Document Type: Journal Article
Record Type: Abstract
Language: English
Summary Language: English
ISSN: 0092-8674
File Segment: Immunology Abstracts

4/3/11 (Item 1 from file: 34)
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08848946 **Genuine Article#:** 335TP **No. References:** 75
Platelet glycoprotein Ib alpha is a counterreceptor for the leukocyte integrin Mac-1 (CD11b/CD18)

Author: Simon DI (REPRINT) ; Chen ZP; Xu H; Li CQ; Dong JF; McIntire LV; Ballantyne CM; Zhang L; Furman MI; Berndt MC; Lopez JA
Corporate Source: BRIGHAM & WOMENS HOSP,DIV CARDIOVASC, 75 FRANCIS ST, TOWER 3/BOSTON//MA/02115 (REPRINT); BAYLOR COLL MED,THROMBOSIS RES SECT/HOUSTON//TX/77030; BAYLOR COLL MED,DEPT MED/HOUSTON//TX/77030; BAYLOR COLL MED,DEPT MOL & HUMAN GENET/HOUSTON//TX/77030; RICE UNIV,COX LAB BIOENGN/HOUSTON//TX/77251; AMER RED CROSS,HOLLAND LAB/ROCKVILLE//MD/20855; UNIV MASSACHUSETTS,DIV CARDIOVASC MED, CTR

PLATELET FUNCT STUDIES/WORCESTER//MA/01655; BAKER MED RES INST,/PRAHRAN/VIC 3181/AUSTRALIA/
Journal: JOURNAL OF EXPERIMENTAL MEDICINE , **2000** , V 192 , N2 (JUL 17) , P 193-204
ISSN: 0022-1007 **Publication date:** 20000717
Publisher: ROCKEFELLER UNIV PRESS , 1114 FIRST AVE, 4TH FL, NEW YORK, NY 10021
Language: English **Document Type:** ARTICLE (ABSTRACT AVAILABLE)

4/3/12 (Item 2 from file: 34)
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06476180 **Genuine Article#:** YV954 **No. References:** 63
Three-dimensional models of immune cell surface proteins and identification of binding sites

Author: Bajorath J (REPRINT)
Corporate Source: MDS PANLABS,COMPUTAT CHEM, 11804 N CREEK PKWY S/BOTHELL//WA/98011 (REPRINT) ; BRISTOL MYERS SQUIBB PHARMACEUT RES INST,/SEATTLE//WA/98121; UNIV WASHINGTON,DEPT BIOL STRUCT/SEATTLE//WA/98195
Journal: JOURNAL OF MOLECULAR MODELING , **1998** , V 4 , N1 , P 1-11
ISSN: 0948-5023 **Publication date:** 19980000
Publisher: SPRINGER VERLAG , 175 FIFTH AVE, NEW YORK, NY 10010
Language: English **Document Type:** REVIEW (ABSTRACT AVAILABLE)

4/3/13 (Item 3 from file: 34)
Fulltext available through: American Society for Biochemistry and Molecular Biology (ASBMB) USPTO Full Text Retrieval Options SCIENCEDIRECT
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06263248 **Genuine Article#:** YF219 **No. References:** 71
Engagement of P-selectin glycoprotein ligand-1 enhances tyrosine phosphorylation and activates mitogen-activated protein kinases in human neutrophils

Author: Hidari KIPJ; Weyrich AS; Zimmerman GA; McEver RP (REPRINT)
Corporate Source: UNIV OKLAHOMA,HLTH SCI CTR, WK WARREN MED RES INST, 825 NE 13TH ST/OKLAHOMA CITY//OK/73104 (REPRINT); UNIV OKLAHOMA,HLTH SCI CTR, WK WARREN MED RES INST/OKLAHOMA CITY//OK/73104; UNIV OKLAHOMA,HLTH SCI CTR, DEPT MED/OKLAHOMA CITY//OK/73104; UNIV OKLAHOMA,HLTH SCI CTR, DEPT BIOCHEM & MOL BIOL/OKLAHOMA CITY//OK/73104; OKLAHOMA MED RES FDN,CARDIOVASC BIOL RES PROGRAM/OKLAHOMA CITY//OK/73104; UNIV UTAH,HLTH SCI CTR, NORA ECCLES HARRISON CARDIOVASC RES & TRAINING IN/SALT LAKE CITY//UT/84112; UNIV UTAH,HLTH SCI CTR, DEPT INTERNAL MED/SALT LAKE CITY//UT/84112
Journal: JOURNAL OF BIOLOGICAL CHEMISTRY , **1997** , V 272 , N45 (NOV 7) , P 28750-28756
ISSN: 0021-9258 **Publication date:** 19971107
Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC , 9650 ROCKVILLE PIKE, BETHESDA, MD 20814

Language: English **Document Type:** ARTICLE (ABSTRACT AVAILABLE)

4/3/14 (Item 4 from file: 34)
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06205434 **Genuine Article#:** YB579 **No. References:** 43
Cell-surface carbohydrate recognition by animal and viral lectins

Author: Weis WI (REPRINT)
Corporate Source: STANFORD UNIV,SCH MED, DEPT BIOL STRUCT, FAIRCHILD BLDG/STANFORD//CA/94305 (REPRINT)
Journal: CURRENT OPINION IN STRUCTURAL BIOLOGY , **1997** , V 7 , N5 (OCT) , P 624-630
ISSN: 0959-440X **Publication date:** 19971000
Publisher: CURRENT BIOLOGY LTD , 34-42 CLEVELAND STREET, LONDON, ENGLAND W1P 6LB
Language: English **Document Type:** ARTICLE (ABSTRACT AVAILABLE)

4/3/15 (Item 5 from file: 34)
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06184570 **Genuine Article#:** YA415 **No. References:** 45
Neutrophil adhesion and the therapy of inflammation

Author: Brown E (REPRINT)

Corporate Source: WASHINGTON UNIV,SCH MED, DIV INFECT DIS, BOX 8051, 660 S EUCLID AVE/ST LOUIS//MO/63110 (REPRINT)
Journal: SEMINARS IN HEMATOLOGY , **1997** , V 34 , N4 (OCT) , P 319-326
ISSN: 0037-1963 **Publication date:** 19971000
Publisher: W B SAUNDERS CO , INDEPENDENCE SQUARE WEST CURTIS CENTER, STE 300, PHILADELPHIA, PA 19106-3399
Language: English **Document Type:** ARTICLE

4/3/16 (Item 6 from file: 34)
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06114221 **Genuine Article#:** XV741 **No. References:** 47
The lymphocyte function-associated antigen 1 I domain is a transient binding module for intercellular adhesion molecule (ICAM)-1 and ICAM-3 in hydrodynamic flow

Author: Knorr R (REPRINT) ; Dustin ML
Corporate Source: WASHINGTON UNIV,SCH MED, CTR IMMUNOL, BOX 8118, 660 S EUCLID AVE/ST LOUIS//MO/63110 (REPRINT); WASHINGTON UNIV,SCH MED, DEPT PATHOL/ST LOUIS//MO/63110
Journal: JOURNAL OF EXPERIMENTAL MEDICINE , **1997** , V 186 , N5 (AUG 29) , P 719-730
ISSN: 0022-1007 **Publication date:** 19970829
Publisher: ROCKEFELLER UNIV PRESS , 1114 FIRST AVE, 4TH FL, NEW YORK, NY 10021
Language: English **Document Type:** ARTICLE (ABSTRACT AVAILABLE)

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06023909 **Genuine Article#:** XQ127 **No. References:** 31
High-level expression and purification of a recombinant human alpha-1,3-fucosyltransferase in baculovirus-infected insect cells

Author: Shinkai A (REPRINT) ; Shinoda K; Sasaki K; Morishita Y; Nishi T; Matsuda Y; Takahashi I; Anazawa H
Corporate Source: KYOWA HAKKO KOGYO CO LTD,TOKYO RES LABS, 3-6-6 ASAHIMACHI/MACHIDA/TOKYO 194/JAPAN/ (REPRINT); KYOWA HAKKO KOGYO CO LTD,PHARMACEUT RES LABS/NAGAIZUMI/SHIZUOKA 411/JAPAN/
Journal: PROTEIN EXPRESSION AND PURIFICATION , **1997** , V 10 , N3 (AUG) , P 379-385
ISSN: 1046-5928 **Publication date:** 19970800
Publisher: ACADEMIC PRESS INC JNL-COMP SUBSCRIPTIONS , 525 B ST, STE 1900, SAN DIEGO, CA 92101-4495
Language: English **Document Type:** ARTICLE (ABSTRACT AVAILABLE)

4/3/18 (Item 8 from file: 34)
Fulltext available through: custom link USPTO Full Text Retrieval Options SCIENCEDIRECT
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05960853 **Genuine Article#:** XK426 **No. References:** 43
Oncostatin M is a proinflammatory mediator - In vivo effects correlate with endothelial cell expression of inflammatory cytokines and adhesion molecules

Author: Modur V; Feldhaus MJ; Weyrich AS; Jicha DL; Prescott SM; Zimmerman GA; McIntyre TM (REPRINT)
Corporate Source: UNIV UTAH,NORA ECCLES HARRISON CVRTI, SCH MED, BLDG 500/SALT LAKE CITY//UT/84112 (REPRINT); UNIV UTAH,NORA ECCLES HARRISON CVRTI, SCH MED/SALT LAKE CITY//UT/84112; UNIV UTAH,DEPT PATHOL, SCH MED/SALT LAKE CITY//UT/84112; UNIV UTAH,SCH MED, DEPT INTERNAL MED, DIV VASC SURG/SALT LAKE CITY//UT/84112; UNIV UTAH,SCH MED, PROGRAM HUMAN MOL BIOL & GENET/SALT LAKE CITY//UT/84112
Journal: JOURNAL OF CLINICAL INVESTIGATION , **1997** , V 100 , N1 (JUL 1) , P 158-168
ISSN: 0021-9738 **Publication date:** 19970701
Publisher: ROCKEFELLER UNIV PRESS , 1114 FIRST AVE, 4TH FL, NEW YORK, NY 10021
Language: English **Document Type:** ARTICLE (ABSTRACT AVAILABLE)

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SciSearch(R) Cited Ref Sci
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05922098 **Genuine Article#:** XG545 **No. References:** 45
Expressions of P-selectin- and HSP72-like immunoreactivities in rat brain after transient middle cerebral artery occlusion

Author: Suzuki H; Abe K (REPRINT) ; Tojo S; Morooka S; Kimura K; Mizugaki M; Itoyama Y
Corporate Source: TOHOKU UNIV,SCH MED, DEPT NEUROL, AOBA KU, 1-1 SEIRYO MACHI/SENDAI/MIYAGI 98077/JAPAN/ (REPRINT); TOHOKU UNIV,SCH MED, DEPT NEUROL, AOBA KU/SENDAI/MIYAGI 98077/JAPAN/; TOHOKU KOUSEINENKIN HOSP,DEPT PHARMACEUT SERV/SENDAI/MIYAGI/JAPAN/; TOHOKU UNIV HOSP,DEPT PHARMACEUT SCI/SENDAI/MIYAGI/JAPAN/; SUMITOMO PHARMACEUT CO LTD,RES CTR/OSAKA//JAPAN/
Journal: BRAIN RESEARCH , **1997** , V 759 , N2 (JUN 13) , P 321-329
ISSN: 0006-8993 **Publication date:** 19970613
Publisher: ELSEVIER SCIENCE BV , PO BOX 211, 1000 AE AMSTERDAM, NETHERLANDS
Language: English **Document Type:** ARTICLE (ABSTRACT AVAILABLE)

4/3/20 (Item 10 from file: 34)
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05901722 **Genuine Article#:** XF084 **No. References:** 64
Removal of xenoreactive human anti-pig antibodies by absorption on recombinant mucin-containing glycoproteins carrying the Gal alpha 1,3Gal epitope

Author: Liu JN; Qian YJ; Holgersson J (REPRINT)
Corporate Source: HUDDINGE UNIV HOSP,KAROLINSKA INST, DIV CLIN IMMUNOL, F79/S-14186 HUDDINGE//SWEDEN/ (REPRINT); HUDDINGE UNIV HOSP,KAROLINSKA INST, DIV CLIN IMMUNOL/S-14186 HUDDINGE//SWEDEN/
Journal: TRANSPLANTATION , **1997** , V 63 , N11 (JUN 15) , P 1673-1682
ISSN: 0041-1337 **Publication date:** 19970615
Publisher: WILLIAMS & WILKINS , 351 WEST CAMDEN ST, BALTIMORE, MD 21201-2436
Language: English **Document Type:** ARTICLE (ABSTRACT AVAILABLE)

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05827144 **Genuine Article#:** XA063 **No. References:** 59
Role of a sialyl Lewis(x)-like epitope selectively expressed on vascular endothelial cells in local skin inflammation of the rat

Author: Akahori T; Yuzawa Y (REPRINT) ; Nishikawa K; Tamatani T; Kannagi R; Miyasaka M; Okada H; Hotta N; Matsuo S
Corporate Source: NAGOYA UNIV,SCH MED, DEPT INTERNAL MED 3, SHOWA KU, 65 TSURUMA CHO/NAGOYA/AICHI 466/JAPAN/ (REPRINT); NAGOYA UNIV,SCH MED, DEPT INTERNAL MED 3, SHOWA KU/NAGOYA/AICHI 466/JAPAN/; NAGOYA CITY UNIV,SCH MED, DEPT MOL BIOL/NAGOYA/AICHI 467/JAPAN/; JAPAN TOBACCO INC,PHARMACEUT BASIC RES LABS/YOKOHAMA/KANAGAWA 227/JAPAN/; AICHI CANC CTR,DEPT EXPT PATHOL/NAGOYA/AICHI 464/JAPAN/; OSAKA UNIV,SCH MED, DEPT BIOREGULAT, CTR BIOMED RES/SUITA/OSAKA 565/JAPAN/
Journal: JOURNAL OF IMMUNOLOGY , **1997** , V 158 , N11 (JUN 1) , P 5384-5392
ISSN: 0022-1767 **Publication date:** 19970601
Publisher: AMER ASSOC IMMUNOLOGISTS , 9650 ROCKVILLE PIKE, BETHESDA, MD 20814
Language: English **Document Type:** ARTICLE (ABSTRACT AVAILABLE)

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05627266 **Genuine Article#:** WL824 **No. References:** 88
Molecular mechanisms of platelet adhesion and activation

Author: Andrews RK; Lopez JA; Berndt MC (REPRINT)
Corporate Source: BAKER MED RES INST,HAZEL & PIP APPEL VASC BIOL LAB/PRAHRAN/VIC 3181/AUSTRALIA/ (REPRINT); BAKER MED RES INST,HAZEL & PIP APPEL VASC BIOL LAB/PRAHRAN/VIC 3181/AUSTRALIA/; BAYLOR COLL MED,VET AFFAIRS MED CTR/HOUSTON//TX/77030
Journal: INTERNATIONAL JOURNAL OF BIOCHEMISTRY & CELL BIOLOGY , **1997** , V 29 , N1 (JAN) , P 91-105
ISSN: 1357-2725 **Publication date:** 19970100
Publisher: PERGAMON-ELSEVIER SCIENCE LTD , THE BOULEVARD, LANGFORD LANE, KIDLINGTON, OXFORD, ENGLAND OX5 1GB
Language: English **Document Type:** REVIEW (ABSTRACT AVAILABLE)

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05317015 **Genuine Article#:** VP616 **No. References:** 101
CARBOHYDRATE-RECOGNITION SYSTEMS - FUNCTIONAL TRIADS IN CELL-CELL INTERACTIONS

Author: CROCKER PR; FEIZI T
Corporate Source: UNIV OXFORD,JOHN RADCLIFFE HOSP,INST MOL MED,ICRF MOL HAEMOPOIESIS LAB/OXFORD OX3 9DU//ENGLAND/; UNIV LONDON IMPERIAL COLL SCI TECHNOL & MED,NORTHWICK PK HOSP,SCH MED,GLYCOSCI LAB/HARROW HA1 3UJ/MIDDX/ENGLAND/

Journal: CURRENT OPINION IN STRUCTURAL BIOLOGY , **1996** , V 6 , N5 (OCT) , P 679-691
ISSN: 0959-440X
Language: ENGLISH **Document Type:** REVIEW (Abstract Available)

4/3/24 (Item 14 from file: 34)
Fulltext available through: Ebsco Host EJS (Electronic Journals Service) USPTO Full Text Retrieval Options SCIENCEDIRECT
SciSearch(R) Cited Ref Sci
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05118129 **Genuine Article#:** VB465 **No. References:** 130
BIOLOGICAL ADHESION AT INTERFACES

Author: HAMMER DA; TIRRELL M
Corporate Source: CORNELL UNIV,SCH CHEM ENGN/ITHACA//NY/14853; UNIV MINNESOTA,DEPT CHEM ENGN & MAT SCI/MINNEAPOLIS//MN/55455
Journal: ANNUAL REVIEW OF MATERIALS SCIENCE , **1996** , V 26 , P 651-691
ISSN: 0084-6600
Language: ENGLISH **Document Type:** REVIEW (Abstract Available)

4/3/25 (Item 15 from file: 34)
Fulltext available through: American Society for Biochemistry and Molecular Biology (ASBMB) USPTO Full Text Retrieval Options SCIENCEDIRECT
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05079529 **Genuine Article#:** TP889 **No. References:** 49
STRUCTURAL-ANALYSIS OF MONOSACCHARIDE RECOGNITION BY RAT-LIVER MANNOSE-BINDING PROTEIN

Author: NG KKS; DRICKAMER K; WEIS WI
Corporate Source: STANFORD UNIV,SCH MED,DEPT BIOL STRUCT/STANFORD//CA/94305; STANFORD UNIV,SCH MED,DEPT BIOL STRUCT/STANFORD//CA/94305; COLUMBIA UNIV,DEPT BIOCHEM & MOLEC BIOPHYS/NEW YORK//NY/10032
Journal: JOURNAL OF BIOLOGICAL CHEMISTRY , **1996** , V 271 , N2 (JAN 12) , P 663-674
ISSN: 0021-9258
Language: ENGLISH **Document Type:** ARTICLE (Abstract Available)

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04966421 **Genuine Article#:** UW352 **No. References:** 45
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FACTOR DOMAINS CAN DETERMINE CARBOHYDRATE-BINDING SPECIFICITY

Author: REVELLE BM; SCOTT D; BECK PJ
Corporate Source: TEXAS BIOTECHNOL CORP,DEPT BIOL MOLEC/HOUSTON//TX/77030; TEXAS BIOTECHNOL CORP,DEPT BIOL MOLEC/HOUSTON//TX/77030; UNIV TEXAS,SCH MED,DEPT INTERNAL MED/HOUSTON//TX/77030
Journal: JOURNAL OF BIOLOGICAL CHEMISTRY , **1996** , V 271 , N27 (JUL 5) , P 16160-16170
ISSN: 0021-9258
Language: ENGLISH **Document Type:** ARTICLE (Abstract Available)

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Author: BLANCK O; IOBST ST; GABEL C; DRICKAMER K
Corporate Source: UNIV OXFORD,DEPT BIOCHEM,S PARKS RD/OXFORD OX1 3QU//ENGLAND/; COLUMBIA UNIV,DEPT BIOCHEM & MOLEC BIOPHYS/NEW YORK//NY/10032; PFIZER INC,CENT RES,DEPT CANC IMMUNOL & INFECT DIS/GROTON//CT/06340
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127345208 **CA:** 127(25)345208m JOURNAL
Molecular determinants of monosodium urate crystal-induced murine peritonitis: a role for endogenous mast cells and a distinct requirement for endothelial-derived selectins
Author: Getting, Stephen J.; Flower, Roderick J.; Parente, Luca; De Medicis, Rinaldo; Lussier, Andre; Woliztky, Barry A.; Martins, Marco A.; Perretti, Mauro
Location: Department of Biochemical Pharmacology, The William Harvey Research Institute, London, UK,
Journal: J. Pharmacol. Exp. Ther.
Date: 1997
Volume: 283 **Number:** 1 **Pages:** 123-130
CODEN: JPETAB
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